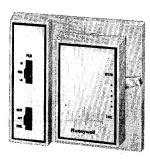
# Honeywell

## T4039A-M LINE VOLTAGE COOLING AND HEATING-COOLING THERMOSTATS



T4039

T4039 THERMOSTATS CONTROL LINE VOLTAGE VALVES OF A FAN COIL UNIT IN COOLING, MANUAL CHANGEOVER HEATING-COOLING, OR AUTOMATIC CHANGEOVER HEATING-COOLING SYSTEMS. ONE OR TWO VALVES MAY BE CONTROLLED DIRECTLY BY THE THERMOSTAT. THE FAN SWITCH (WHERE APPLICABLE) CONTROLS AIR CIRCULATION

□ T4039A	☐ T4039D	☐ T4039G	☐ T4039J
□ T4039B	☐ T4039E	☐ T4039H	☐ T4039K
☐ T4039C	□ T4039F	□ T4039I	□ T4039L
			□ T4039k

- One-, two-, or three-speed manual fan control available.
- Positive deadspot separates heating-cooling circuits in automatic models. Remote changeover switch is required to separate circuits in manual changeover heating-cooling models.
- Scale range is approximately 55 F to 95 F in 10 F increments from 75 F midpoint. Scale is marked COOL-WARM.
- Cooling circuit breaks in FAN-OFF position to reduce condensation problems in the fan coll unit.
- Color-coded leadwires.
- All models may be mounted on standard vertical outlet boxes. Models with manual switching may be mounted on 4-in. square junction boxes or two-ganged outlet boxes.
- Adjustable range stops limit temperature adjustment or lock at selected set point.
- Models available with separate power source for fan and thermostat.

## **SPECIFICATIONS**

#### MODELS:

System	Manual Switching <sup>d</sup>	Model
Cooling Only	On-Off <sup>b</sup>	T4039A
Cooling Only	Off-Hi- Med-Lǫ <sup>b</sup>	T4039B
Heating-Cooling <sup>a</sup>	None	T4039C
Heating-Cooling <sup>a</sup>	On-Off <sup>b</sup>	T4039D
Heating-Cooling <sup>a</sup>	Off-Hi-Lob	T4039E
Heating-Cooling <sup>a</sup>	Off-Hi- Med-Lob	T4039F
Automatic Heating-Cooling	None	T4039G
Automatic Heating-Cooling	On-Off <sup>b</sup>	T4039H
Automatic Heating-Cooling	Off-Hi-Lob	T4039J
Automatic Heating-Cooling	Off-Hi-Lo <sup>c</sup>	T4039K
Automatic Heating-Cooling	Off-Hi- Med-Lo <sup>b</sup>	T4039L
Automatic Heating-Cooling	Off-Hi- Med-Lo <sup>b</sup>	T4039M

a Remote changeover switch required.

b OFF breaks cooling circuit and fan circuit.

d See Fig. 2 for arrangements of switches.

TEMPERATURE SETTING RANGE: Approximately 55 F to 95 F [13 C to 35 C]; marked COOL-WARM in 10 F [6 C] increments from 75 F [24 C] midpoint.

### **ELECTRICAL RATINGS:**

A. Thermostat (valve load).

	Normal (A)	Inrush (A)
120 Vac	0.32	1.0
240 Vac	0.16	0.50
277 Vac	0.14	0.43
Fan Switch.		
		T

	Full Load (A)	Locked Rotor (A)
120 Vac	5.5	33.0
240 Vac .	2.75	16.5
277 Vac	2.4	14.4

<sup>10</sup>A Resistive at 125 Vac

DIFFERENTIAL: Approximately 2 F [1 C] at midscale. On automatic heating-cooling models, the differential from make of the one contact to make of opposite contact is 7 F [4 C] maximum with a positive deadspot.

DIMENSIONS: See Fig. 1.

FINISH: Silver bronze.

MOUNTING: Models without manual switching mount on standard vertical outlet boxes. Models with manual switching mount on 4-in. square junction boxes or two-ganged outlet boxes. Manual switching models may also mount on a standard vertical outlet box if local codes permit.

C OFF breaks both heating and cooling circuits and fan circuits.

<sup>5</sup>A Resistive at 240 Vac

<sup>4.2</sup>A Resistive at 277 Vac

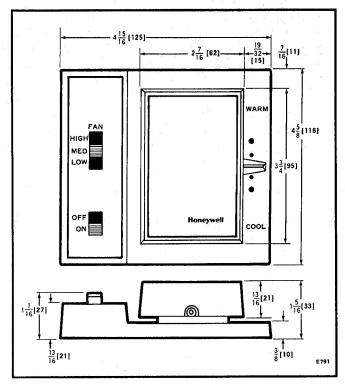


Fig. 1—MOUNTING DIMENSIONS IN in. [mm IN BRACKETS] OF T4039 MODELS WITH MANUAL SWITCHING.

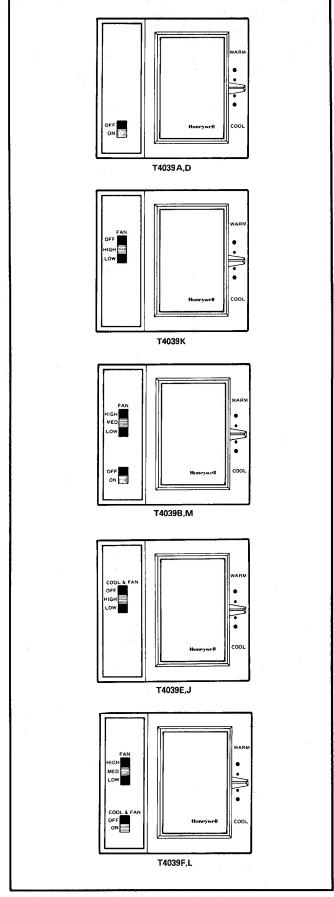


Fig. 2—MANUAL SWITCHING LAYOUT ON T4039 THERMOSTATS. (NO MANUAL SWITCHING ON T4039G).